St.	Rg.	EPA apr'd year more EPA aprove	not rily	Standard language (abbreviated) see column F for more details	The state of the s	production streets and classificated section and streets as a section of the streets of the stre
AK	10	2004	×	Floating solids, debris, sludge, deposits, foam, scum, or other residues may not, alone or in combination with other substances, be present in concentrations or amounts that form objectionable deposits, constitute a nuisance, produce objectionable odor or taste, or result in undesirable or nuisance species.		
AK	10			Numeric dissolved oxygen criteria (4-17 mg/l) based on water type/use	2 0 1 1 1 0	N N
AK	10	2009 2009	X	Color (Fresh water): drinking water supply - 15 color units aquaculture - 50 color units industrial - may not cause detrimental effects on established water supply treatment levels growth/propagation fish, shellfish other aquatic life and wildlife - color may not reduce the depth of the compensation point for photosynthetic activity by more than 10% from the seasonally established norm; or for waters without a seasonally established norm, color may not exceed 50 color units or the natural condition, whichever is greater (Marine water): aquaculture - may not exceed 50 color units or the natural condition whichever is greater contact recreation, seafood processing - may not exceed 15 color units or the natural condition, whichever is greater secondary recreation - surface waters must be free of substances that produce objectionable color growth/propagation of fish, shellfish, other aquatic life and wildlife; harvesting for consumption of raw mollusks or other raw aquatic life - color or apparent color may not reduce the depth of compensation point for photosynthetic activity by more than 10% from the seasonally established norm, or for waters without a seasonally established norm color may not exceed 50 color units or the natural condition, whichever is greater.	1,2	N N
AL	4	2008 2008	×	Free from floating debris, oil, scum, and other floating materials attributable to sewage, industrial wastes or other wastes in amounts sufficient to be unsightly or interfere directly or indirectly with any classified water use. Free from substances attributable to sewage, industrial wastes or other wastes in concentrations or combinations which are toxic or harmful to human, animal or aquatic life to the extent commensurate with the designated usage of such waters		
AL		2008 2008		Numeric criteria for Chlorophyll-a - Site specific range from 5 to 27 ug/l	2 0 1 1	
AL	4	2008 2008	х	Numeric DO std for Sewage and industrial wastes = monthly avg of 6 mg/l. Numeric DO std varies by typ of water range 3 to 5.5 mg/l. Some seasonal stds are mentioned.		
AR		2009 2009	General criteria not included with	Numeric DO criteria of no less than 2-6 mg/L depending on size of the watershed, season, and whether fishery is viable during critical flows. Effluent limits for oxygen-demanding discharges into impounded waters are promulgated in Regulation #6 (the NPDES regulations) of the Arkansas Pollution Control and		1 N Y
AR		2009 2009		For "nutrients," the WQS provide that: all point source discharges into the watershed of waters officially listed on Arkansas' impaired waterbody list (303d) with phosphorus as the major cause shall have monthly average discharge permit limits no greater than those listed below (1-5 mg/L). Additionally, waters in nutrient surplus watersheds as determined by Act 1061 of 2003 Regular Session of the Arkansas 84th General Assembly and subsequently designated nutrient surplus watersheds may be included under this Reg. if point source discharges are shown to provide a significant phosphorus contribution to waters within the listed nutrient surplus watersheds. Materials stimulating algal growth shall not be present in concentrations sufficient to cause objectionable algal densities or other nuisance aquatic vegetation or otherwise impair any designated use of the waterbody. Impairment of a waterbody from excess nutrients are dependent on the natural waterbody characteristics such as stream flow, residence time, stream slope, substrate type, canopy, riparian vegetation, primary use of waterbody, season of the year and ecoregion water chemistry. There shall be no distinctly visible increase in turbidity of receiving waters attributable to municipal,		
AR		2009 2009		industrial, agricultural, other waste discharges or in stream activities. In no case shall any such waste discharge or in stream activity cause turbidity values to exceed the base flows values listed below. Additionally, the non-point source runoff shall not result in the exceedance of the in stream all flows values (15-250 NTU) in more than 20% of the ADEQ ambient monitoring network samples taken in not less than 24 monthly samples.		

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and contents analysis in content bounds of the content bounds of t				a minimum of two lake sample events conducted during the peak season based on lake productivity, the	
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				Free from substances in amounts or combinations that settle to form objectionable deposits; float as	
				debris, scum, oil, or other matter to create a nuisance, produce objectionable odor, color, taste, or	
				turbidity; cause injury to, are toxic to, or produce adverse physiological or behavioral changes in humans,	
				plants, or animals; produce undesirable or nuisance aquatic life or result in the dominance of nuisance	
				species; or impair the biological community that naturally occurs in the waters or depends upon the waters	
				for its survival and propagation. Within tidally influenced Class C (Protection and propagation of fish,	
				shellfish, and wildlife) waters, concentrations of chlorophyll a in free-floating microscopic aquatic plants	
				(algae) shall not exceed levels that result in ecologically undesirable consequences such as reduced	
				water clarity, low dissolved oxygen, food supply imbalances, proliferation of species deemed potentially	
				harmful to aquatic life or humans or aesthetically objectionable conditions or otherwise render tidal	
DC	3 2006		X	waters unsuitable for designated uses.	
DE	3 2004	2004	X	Numeric Standard for Nitrate =10000 MCL for fish and water ingestion	
DE	0 0004	0004		It shall be the policy of this Department to minimize nutrient input to surface waters from point and human	
DE	3 2004	2004	X	induced non-point sources. For lakes and ponds, controls shall be designed to eliminate {nutrient} overenrichment	
				All WQS, except for toxics, do not apply when FW flow falls below the 7Q10. For toxics the	
DE	3 2004	2004	×	design flow is 7Q10 for chronic criteria and 1Q10 for acute criteria.	
DE	3 2004		X	Numeric Dissolved Oxygen (differs by types of waterbody)	
	1 2001	2001		For tidal portions of the stream basins of Indian River, Rehoboth Bay, 22 and Little Assawoman Bay,	
				controls needed to attain submerged aquatic vegetation growth season (approximately March 1 to	
				October 31) average levels for dissolved inorganic nitrogen of 0.14 mg/L as N, for dissolved	
				inorganic phosphorus of 0.01 mg/L as P, and for total suspended solids of 20 mg/L shall be	
DE	3 2004	2004	X	instituted.	
				For exceptional recreational or ecological significant waters (ERES waters) - In cases where natural	
				conditions prevent attainment of applicable fresh or marine dissolved oxygen criteria, reduction in dissolved oxygen levels as a result of human activities shall be prohibited. All point, and human induced	
				nonpoint sources, subject to control through use of best management practices or otherwise, shall be	
				required to remove nutrients to the extent necessary to prevent excessive growth of photosynthetic	
				organisms and also shall be required to remove particulate matter to the extent necessary to minimize	
DE	3 2004	2004	×	turbidity.	
				DELAWARE RIVER BASIN COMMISSION	
				BASIN REGULATIONS - WATER QUALITY	
Delawar				1400 5 011 0 1 1 2 5 777 1	
e River				4.30.5 Other Substances in Effluents.	
Basin States				Dissolved Substances. Dissolved and colloidal substances, including nutrients , discharged in waste effluents shall be limited where necessary to prevent deposition of sediments, formation of flocculent	
(DE,PA,				materials, or excessive aquatic growths, that impair protected uses, violate water quality criteria, or	
NJ)	13	1996	×	generate additional oxygen demands upon the receiving waters.	
		,,,,,,	,	In no case shall nutrient concentrations of a body of water be altered so as to cause an imbalance in	
FL	4	2008	x	natural populations of aquatic flora or fauna	
				DO: Notwithstanding the specific numerical criteria applicable to individual classes of water, dissolved	
				oxygen levels that are attributable to natural background conditions or man-induced conditions which	
F1		2008		cannot be controlled or abated may be established as alternative dissolved oxygen criteria for a water	
FL	4 4	1 /11/11/12			
FL	1/11			body or portion of a water body.	
	+ + + + + + + + + + + + + + + + + + + +	2008	X	body or portion of a water body. Site-specific criteria: Dissolved Oxygen not less than a minimum concentration of 4.0 mg/L	2 0 1 1 N N
1	7		X	body or portion of a water body. Site-specific criteria: Dissolved Oxygen not less than a minimum concentration of 4.0 mg/L The discharge of nutrients shall continue to be limited as needed to prevent violations of other standards	2 0 1 1 1 0 N N
			X	body or portion of a water body. Site-specific criteria: Dissolved Oxygen not less than a minimum concentration of 4.0 mg/L The discharge of nutrients shall continue to be limited as needed to prevent violations of other standards contained in this chapter. Man-induced nutrient enrichment (total nitrogen or total phosphorus) shall be	2 0 1 1 1 0 N N N
 FL	4		x	body or portion of a water body. Site-specific criteria: Dissolved Oxygen not less than a minimum concentration of 4.0 mg/L The discharge of nutrients shall continue to be limited as needed to prevent violations of other standards	
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FL	4	2008		body or portion of a water body. Site-specific criteria: Dissolved Oxygen not less than a minimum concentration of 4.0 mg/L The discharge of nutrients shall continue to be limited as needed to prevent violations of other standards contained in this chapter. Man-induced nutrient enrichment (total nitrogen or total phosphorus) shall be considered degradation in relation to the provisions of Sections 62-302.300, 62-302.700 and 62-4.242,	
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HI	9 l				the following pollutants, based on time of year (wet or dry season): Total Phosphorus (30-150 ug P/L); nitrate+nitrite nitrogen (30-300 ug [NO3+NO2]-N/L); total nitrogen (180-800 ug N/L); DO (>=80%																
1 1			2004	X	saturation) Numeric criteria applicable to all estuaries except Pearl Harbor : Total Nitrogen (200-500 ug N/L);		1	1	1			1								N	N
HI	9		2004	X	nitrate+nitrite nitrogen (8-35 ug [NO3+NO2]-N/L); total phosphorus (25-75 ug P/L); chl a (2-10 ug/L); DO (>= 75% saturation)	2	1	1	1		1	1								N	i N
Н	9		2004	X	Numeric criteria applicable only to Pearl Harbor Estuary: Dissolved Oxygen (>= 60% saturation); Chl a (3.5-20 ug/L); total phosphorus (60-200 ug P/L); nitrate+nitrite nitrogen (15-70 ug [NO3+NO2]-N/L); total nitrogen (300-750 ug N/L)	2 3	1	1	1		1	1								N	J N L
					Numeric criteria (for "dry" and "wet" conditions based on discharge of freshwater per shoreline mile, except for DO, for which the criteria doesn't differentiate between wet and dry) for all embayments ,																
					excluding those described in section 11-54-6(d)*: Dissolved Oxygen (>=75 % saturation), chl a (0.5-8.50 ug/L), total phosphorus (20-75 ug P/L), nitrate+nitrite nitrogen (5-35ug [NO3+NO2]-N/L), total nitrogen																
HI	9		2004	X	(150-500 ug N/L)		1	1	1		1	1								N	N
н	9		2004	X	Numeric criteria (for "dry" and "wet" conditions based on discharge of freshwater per shoreline mile, except for DO, for which the criteria doesn't differentiate between wet and dry) for all open coastal waters , excluding those described in section 11-54-6(d)*: Dissolved Oxygen (>=75% saturation), light extinction coefficient (0.1-0.85 k units), chl a (0.15-1.75 ug/L), total phosphorus (16-60 ug P/L), nitrate+nitrite nitrogen (3.5-25 ug [NO3+NO2]-N/L), total nitrogen (110-350 ug N/L)		1	1	1		1	1		1						N	1 N
					Numeric criteria (for "dry" and "wet" conditions based on discharge of freshwater per shoreline mile, except for DO, for which the criteria doesn't differentiate between wet and dry) for all ocean waters : Dissolved Oxygen (>=75% saturation), chl a (0.06-0.2 ug/L), total phosphorus (10-25 ug P/L),																
HI	9		2004	Х	nitrate+nitrite nitrogen (1.50-3.50 ug [NO3+NO2]-N/L), total nitrogen (50-100 ug N/L) Area-specific numeric criteria for Total Dissolved Nitrogen (100 ug N/L), Nitrate + Nitrite Nitrogen (4.50		1	1	1		1	1								N	N
НІ	9		2004	х	ug [NO3+NO2]-N/L), Total Dissolved Phosphorus (12.5 ug P/L), Phosphate (5.0 ug PO4 - P/L), Chl a (0.3 ug/L), Turbidity, DO (>= 75% saturation)		1	1	1 1		1	1				1				N	l N
IA	7			Х	Free from floating debris, oil, grease, scum and other floating materials attributable to wastewater discharges or agricultural practices in amounts sufficient to create a nuisance											1	1	1			
IA	7				Free from materials attributable to wastewater discharges or agricultural practices producing objectionable color, odor or other aesthetically objectionable conditions								1		1						
IA	7				Free from substances attributable to wastewater discharges or agricultural practices in concentrations or combinations which are acutely toxic to human, animal, or plant life Free from substances, attributable to wastewater discharges or agricultural practices, in quantities which																
IA	7				would produce undesirable or nuisance aquatic life							1									
l _{IA}	7 2	2002			Numeric criteria for Dissolved Oxygen (mg/L as N). The criteria contain minimum value for at least 16 hours of every 24-hour period 7.0 and minimum value at any time during every 24-hour period.							1								N	ı la l
					All waters which are designated as Class B(CW-cold water), B(WW-warm water), B(LR-limited resoruce) or B(LW-lakes and wetlands) are to be protected for wildlife, fish, aquatic and semiaquatic life, and																
IA	7 2	2002			secondary contact water uses. Free from floating, suspended, or submerged matter of any kind in concentrations causing nuisance or														1		
ID	10		2008	X	objectionable conditions or that may impair designated beneficial uses Free from excess nutrients that can cause visible slime growths or other nuisance aquatic growths											1	1	1	1		
ID ·	10		2008	X	impairing designated beneficial uses Free from oxygen-demanding materials in concentrations that would result in an anaerobic water					1		1				1			1		
ID ·	10		2008	X	condition							1									
IL	5 2	2009	2009	Х	Seasonal Numeric DO standards ranging from 3.0 - 6.0 mg/l depending on duration, season and use. Narrative DO for many waters = must be maintained at sufficient dissolved oxygen concentrations to	2						1									
					support their natural ecological functions and resident aquatic communities At all times, unless otherwise specified, the WQS apply except when flows are less than the 7Q10 flow.																
IL	5 2	2009	2009	X								1								N	<u> Y</u>
		2009	2009	×	Phosphorus as P shall not exceed 0.05 mg/l in any reservoir or lake with a surface area of 8.1 hectares (20 acres) or more, or in any stream at the point where it enters any such reservoir or lake.			1													
IL	5 2	2009	2009	Х	Site specific Phosphorus Criteria for Lake Michigan = 7.0 ug/l For all waters of the state, existing beneficial uses shall be maintained and protected. No degradation of	2		1													
					water quality shall be permitted which would interfere with or become injurious to existing and potential uses.																
IN	5		2001	worth adding? 327 IAC 2-1-2	Water quality standards except when noted otherwise apply except when flows are less than the 7Q10.														1	N	, _Y
					Discharge of persistent and bioconcentrating toxic substances reduced or eliminated. The concentrations of an inorganic chemical in a bioconcentration test should be greater than normal background																
					levels and greater than levels required for normal nutrition of the test species if the chemical is a micronutrient,																
IN	5		2001	X	but below levels that adversely affect the species. For aquatic life use: Concentrations of dissolved oxygen shall average at least 5.0 mg// per calendar day																
					and shall not be less than 4.0 mg/l at any time.																
					For cold water fish use: dissolved oxygen concentrations shall not be less than 6.0 mg/l at any time and shall not be less than 7.0 mg/l in areas where spawning occurs during the spawning season, and in areas used for imprinting during the time salmonids are being imprinted.																
IN	5		2001	Х	For lake Michigan: DO concentrations shall not be less than 7.0 mg/l The natural appearance of surface waters shall not be altered by the addition of color-producing or	2						1							1	N	У
KS KS	7	2004	2004	X	turbidity-producing substances of artificial origin Nitrate (as N) Public Health: Domestic Water Supply: 10,000 µg/L				1				1			1					l Bi
INO	1 2	∠004		X	Nitrate (as N) Public Health: Domestic Water Supply: 10,000 µg/L; Public Health: Domestic Water Supply:				1											N	l N

KS 7 2008	Х	Domestic water supply use. The introduction of plant nutrients into surface waters designated for domestic water supply use shall be controlled to prevent interference with the production of drinking water.	1 1 0 1
KS 7 2008	V	The introduction of plant nutrients into surface waters designated for primary or secondary contact recreational use shall be controlled to prevent the development of objectionable concentrations of algae or algal by-products or nuisance growths of submersed, floating, or emergent aquatic vegetation.	
KS 7 2008	x x	The introduction of plant nutrients into streams, lakes, or wetlands from artificial sources shall be controlled to prevent the accelerated succession or replacement of aquatic biota or the production of undesirable quantities or kinds of aquatic life.	
		In lakes and reservoirs and their tributaries, and other surface waters where eutrophication problem exist, nitrogen, phosphorus, carbon, and contributing trace element discharges shall be limited in accordance with; 1) the scope, 2) the geography of the affected area; and 3) relative contributions from existing and	
KY 4 2004 2004	X	proposed sources.	
KY 4 2004 2004	х	DO numeric A minimum concentration of 5.0 mg/l daily avg and instantaneous minimum shall be less than 4.0 mg/l at all times for warm water aquatic habitat and Ohio River April - Oct. 6.0 mg/l daily avg and instantaneous minimum shall be less than 5.0 mg/l at all times for cold water aquatic habitat. Narrative DO - in lakes and reservoirs that support trout, the concentration of dissolved oxygen in waters	2 6 N N
KY 4 2004 2004	Χ	below the epilimnion shall be kept consistent with natural water quality.	
LA 6 2007 LA 6 2007	X	The naturally occurring range of nitrogen-phosphorous ratios shall be maintained Nutrient concentrations that produce aquatic growth to the extent that it creates a public nuisance or interferes with designated water uses shall not be added to any surface waters	
		Unless naturally occurring, all surface waters shall be free from nutrients in concentrations that would cause or contribute to impairment of existing or designated uses and shall not exceed the site-specific limits necessary to control accelerated or cultural eutrophication. (also see 314 CMR 4.04(5)). Any existing point source discharge containing nutrients in concentrations that would cause or contribute to cultural eutrophication, including the excessive growth of aquatic plants or algae, in any surface water shall be provided with the most appropriate treatment as determined by the Department, including, where necessary, highest and best practical treatment (HBPT) for POTWs and BAT for non POTWs, to remove such nutrients to ensure protection of existing and designated uses. Human activities that result in the nonpoint source discharge of nutrients to any surface water may be required to be provided with cost	
MA 1 2004	X	effective and reasonable best management practices for nonpoint source control. Numeric for Dissolved Oxygen = shall not be less than 6.0 mg/l in cold water fisheries and not less than	3 1 1 2 1 1
		5.0 mg/l in warm water fisheries. Where natural background conditions are lower, DO shall not be less than natural background conditions. Regulations specify the 7Q10 flow for aquatic life criteria or the extreme hydrologic condition for coastal	
MA 1 2004	X	waters. DO Concentration for "Water Contact Recreation and the Protection of Nontidal Warmwater Aquatic Life" (Class I); recreational trout waters (Class IV) and for the "Support of Estuarine and Marine Aquatic Life and Shellfish Harvesting" (Class II) is no less than 5 milligrams/liter at any time. For non-tidal cold	
MD 3 2005 2005	X	waters (Class III) the DO concentration may not be less than 5 milligrams/liter at any time, with a minimum daily average of not less than 6 milligrams/liter.	2 9 1 1
MD 3 2005 2005	^ X	For Water Classes I, II, III, and IV, turbidity may not exceed levels detrimental to aquatic life.	
MD 3 2005 2005	X	Turbidity in the surface water resulting from any discharge may not exceed 150 units at any time or 50 units as a monthly average. Units shall be measured in Nephelometer Turbidity Units.	2 0 1
MD 3 2005 2005	X	For Water Classes I, II, III, and IV: (6) Color. Color in the surface water may not exceed 75 units as a monthly average. Units shall be measured in Platinum Cobalt Units.	2 0 1 1
MD 3 2005 2005	X	 (a) Water Clarity Criteria Measurement. The attainment of the water clarity criteria for a given Bay segment can be determined using any of the following methods: (i) Shallow-water acreage meets or exceeds the percent-light-through-water (PLW) criteria expressed in Secchi depth equivalence (Table 1, 0.4-1.9 m) at the segment specific application depth specified in Regulation .08 of this chapter (excludes no grow zones); (ii) Submerged aquatic vegetation (SAV) acreage meets or exceeds the acreage restoration goal (Table 2, 0.5-2 m); or (iii) Shallow-water acreage meeting or exceeding the secchi depth requirements in combination with actual SAV acreage equal or exceed the SAV restoration goal acreage. 	
ME 1 2005		Criterion for plant nutrients. Nutrients in the discharged effluent shall not exceed the seasonal median concentration of nutrients in the receiving water, or a value demonstrated by the applicant to be better than the seasonal median and which does not cause the aquatic life to be other than as naturally occurs. Criterion for dissolved oxygen. In addition to the requirements of 38 MRSA section 465(2XB) the	
ME 1 2005	Х	dissolved oxygen content of the discharged effluent shall be equal or exceed that of the receiving water at all times but shall never be less than 7 parts per million or 75% saturation and shall not be less than that of the receiving water at the time of discharge.	2 6 1 1 1 N N
MI 5 2006 2006 MI 5 2006 2006	X X	DO standards for surface waters are at the design flow (lowest of 12 monthly 95% exceedance flows). Nutrients shall be limited to the extent necessary to prevent stimulation of growths of aquatic rooted, attached, suspended, and floating plants, fungi or bacteria that are or may become injurious to designated uses	0 1 1 1 N Y 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MI 5 2006 2006	X	Consistent with Great Lakes protection, phosphorus which is or may readily become available as a plant nutrient shall be controlled from point source discharges to achieve 1 mg/L of total phosphorus as a maximum monthly average effluent concentration unless other limits, either higher or lower, are deemed necessary and appropriate by the department.	2 1 1 0 N N
MN 5 2008 2008	Х	Eutrophication standards, for Class 2 Bd and 2B, waters: criteria varies by ecoregion. Chl a = 9-30 ug/l, TP = 30-90 ug/l, secchi disk 0.7 -2.0 meters. Class 2 Bd and 2B, 2C waters: DO - 5.0 mg/L as a daily minimum. This can be modified if site specific	2 1 1 2 1 N N
MAN 5 COOK COOK	er er er er er	number is developed. This dissolved oxygen standard requires compliance with the standard 50 percent	

	T	T		I	Eutrophication standards, Class 2 A waters -			\neg
MN	_	2008	2008 x		trout lakes - Chl a = 6 ug/l, TP = 20 ug/l Lake Trout Lakes Chl a - 3 ug/l, TP = 12 ug/l			
INIIA	10	2008	Z000 X					4
MN	5	2008	2008 x		DO - 7.0 mg/L as a daily minimum. This dissolved oxygen standard requires compliance with the standard 50 percent of the days at which the flow of the receiving water is equal to the 7Q10.			,
		12000	2000		Narrative Eutrophication Std - Eutrophication standards are compared to data averaged over the summer			
MN	5	2008	2008 x		season (June through September). Exceedance of the total phosphorus and either the chlorophyll-a or Secchi disk standard is required to indicate a polluted condition.			u I
					Free from oil, scum and floating debris in sufficient amounts to be unsightly or prevent full maintenance of			
					beneficial uses. Free from substances in sufficient amounts to cause unsightly color or turbidity,			
					offensive odor or prevent full maintenance of beneficial uses.Free from substances or conditions in sufficient amounts to result in toxicity to human, animal or aquatic life. Free from physical, chemical or			
МО	7		X		hydrologic changes that would impair the natural biological community.		5 1 1 1 1 1 1 1	
					Free from human-induced pollution which causes noxious odors; floating, suspended, colloidal, or settleable materials that produce objectionable films, colors, turbidity, or deposits; and the occurrence of			
MO	7	0004			undesirable or nuisance aquatic life (e.g., algal blooms)			
MO	/	2001			Nitrate-N (mg/L): Drinking Water Supply: 10; Groundwater: 10. Dissolved oxygen (minimum) (mg/L), Protection of Aquatic Life: warm-water and cool-water fisheries: 5;			1
МО	7	2001			cold-water fisheries: 6. Free from floating debris, oil, scum, and other floating materials attributable to municipal, industrial,			4
мѕ	4	2007	2007 x	1	agricultural or other discharges in amounts sufficient to be unsightly or deleterious		2 1 1 0	
					Free from materials attributable to municipal, industrial, agricultural or other discharges producing color,			
					odor, taste, total suspended or dissolved solids, sediment, turbidity, or other conditions in such degree as to create a nuisance, render the waters injurious to public health, recreation or to aquatic life and wildlife			
					or adversely affect the palatability of fish, aesthetic quality, or impair the waters for any designated use.			
MS	4	2007	2007 x	1	Free from substances attributable to municipal, industrial, agricultural or other discharges in concentrations or combinations that are toxic or harmful to humans, animals or aquatic life			
					The dissolved oxygen for ephemeral streams shall be maintained at an appropriate level to avoid			
MS	4	2007	2007 x		nuisance conditions. Numeric DO = Dissolved oxygen concentrations shall be maintained at a daily average of not less than			
MS	4	2007	2007 x	ı	5.0 mg/l with an instantaneous minimum of not less than 4.0 mg/l.		1 1 N I	1
					No increases are allowed above naturally occurring concentrations of sediment or suspended sediment			
				1	(except as permitted in 75-5-318, MCA), settleable solids, oils, or floating solids, which will or are likely to create a nuisance or render the waters harmful, detrimental, or injurious to public health, recreation,			
МТ		2004			safety, welfare, livestock, wild animals, birds, fish, or other wildlife			
MT	8	2004	Groundwater criteria 75	75-5-301(d)	Numeric Nitrate = range of 5.0 to 7.5 mg/L Concentrations of carcinogenic, bioconcentrating, toxic, radioactive, nutrient or harmful parameters may	2 1	0 N I	1
					not exceed the applicable standards set forth in department Circular DEQ-7 ("A plant nutrient, excessive amounts of which may cause violations of Administrative Rules of Montana (ARM)			
МТ	8	2004	X		17.30.637 (I)(e).")			
MT	g	2004	Y		Numeric Criteria for select waters TP range 20 -39 ug/l, TN 300 ug/l, Benthic algal Chl-a - summer mean = 100mg/square meter, maximum - 150 mg/square meter.	2 1 1		
	H	2004						
					Nutrient strategies applicable to Nutrient Sensitive Waters shall be developed by the Commission to control the magnitude, duration, or frequencies of excessive growths of microscopic or macroscopic			
NC	1	2007	2007 x		vegetation so that the existing and designated uses of the waterbody are protected or restored All standards except toxics and aesthetics use 7Q10 flow.			
110	+	2007	2007 X		Numeric nutrient criteria for lakes are based on an ecoregional approach which takes into			
					account the geographic location of the lakes within the State and are listed below. These numeric criteria are applicable to lakes of 40 acres or more. Lakes of less than 40 acres			
NC	١,	2007	2007		will continue to be protected by the narrative criteria. Ecoregional criteria are as follows. TP=0.02-0.09 mg/L. TN=0.35-1.50 mg/L. Chl-a=10-40 ug/L.			
live -					Numeric DO = not less than 5.0 mg/l for fresh and saltwater aquatic life. Not less than 6.0 mg/l for trout			\dashv
NC	4	2007	2007 x		and high quality waters.	2 3		
NC		0007	0007		For high quality waters and outstanding resource waters, where nutrient overenrichment is projected to be			
INC	4	2007	2007 x		a concern, appropriate effluent limitations shall be set for phosphorus or nitrogen, or both.			-
					Nutrient Offset requirements in Standards for Nutrient Sensitive waters. Tar Pam dischargers must reduce TN and TP discharges by 30% from 1991 annual average. And any			
					expansions cannot increase annual average discharge about 70%. Neuse River discharger reduce total			
NC	4	2007	2007 x		load of TN by 30%. Permit limits based on flow and weather or not the facility is new or expanding. For other Nutrient Sensitive waters NC rule spells out a plan and BMP to be used in each watershed.	3 1 1	1 0 0 0	
ND		2001	Х		Numeric DO Streams = not less than 5 mg/l	2 0	1 1 N N	
					Numeric Nutrient Lakes Criteria - N, NO=.25mg/l, P, PO = .02mg/l Numeric Nutrient Streams Criteria - TP = 0.1mg/l, Dissolved Nitrates = 1.0 mg/l			
					The standards for nitrates (N) and phosphorus (P) are intended as interim guideline limits. Since each			
					stream or lake has unique characteristics which determine the levels of these constituents that will cause			
					excessive plant growth (eutrophication), the department reserves the right to review these standards after additional study and to set specific limitations on any waters of the state. However, in no case shall the			
ND		2004			standard for nitrates (N) exceed 10 mg/l for any waters used as a municipal or domestic drinking water			
ND	g	2001	X		supply.			4
NH	1		1999 x		Numeric for Dissolved Oxygen (varies by waterbody type). 75% saturation, based on a daily average, and an instantaneous minimum of at least (3-8) mg/l at any place or time except as naturally occurs.	2		ام
L	<u> </u>		^		The state of the s			